



# AW series (AW/AWC)

## AW-6-350

These gauges have corrosion-resisting stainless steel backing with thickness of 0.08mm. They are easily installed by using the dedicated spot welder W-50RC. are suited for strain measurement in high temperature up to 300° C, for measurement of specimen to which adhesion is not applicable or for long term measurement.

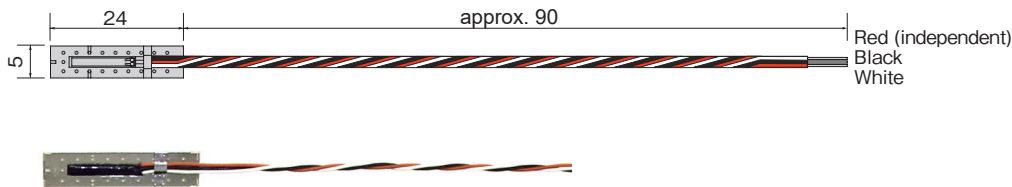
Type	Gauge length (mm)	Gauge base		Operating temperature (°C)	Temperature compensation range (°C)	Test specimen	Applicable coefficient of linear thermal expansion ( $\times 10^{-6}/^{\circ}\text{C}$ )	Resistance in ( $\Omega$ )
		Dimension (mm)	Materials					
AW-6-350-11-4FB01LT	6	L24xW5	SUS304	-196~+300°C	+10 ~ +100°C	Mild steel	$11 \times 10^{-6}/^{\circ}\text{C}$	350

Leadwire  $\Phi 0.2\text{mm}$  Twisted cross-linked fluorinated resin(PTFE) sheathed leadwire of 0.1m standard (Quarter bridge with 3-wire)

\* Lead wire lengths other than the standard length are available on request. (Made to order.)

Minimum order quantity is 5 strain gauges .

External dimensions



## AWC-8B

These gauges are fully encapsulated in a stainless steel tube. It enables long term strain measurement in harsh environment.

Type	Gauge length (mm)	Gauge base		Operating temperature (°C)	Temperature compensation range (°C)	Test specimen	Applicable coefficient of linear thermal expansion ( $\times 10^{-6}/^{\circ}\text{C}$ )	Resistance in ( $\Omega$ )
		Dimension (mm)	Materials					
AWC-8B-11-3LTSB	8	L28xW5xT1	SUS304	-20~+100°C	+10 ~ +100°C	Mild steel	$11 \times 10^{-6}/^{\circ}\text{C}$	120

Leadwire  $\Phi 5\text{mm}$   $0.3\text{mm}^2$  3-core shielded vinyl leadwire of 3m standard ( $0.1\Omega/\text{m}$ ) (Quarter bridge with 3-wire)

\* Lead wire lengths other than the standard length are available on request. (Made to order.)

Minimum order quantity is 1 strain gauge.

External dimensions

